



Manipulate Parts
Change Color

INTRODUCTION

In EnSight, parts can be colored either by a constant color or based on the value of a variable. Coloring geometry by variables is one of the simplest and most effective means of visualizing the distribution of a variable.

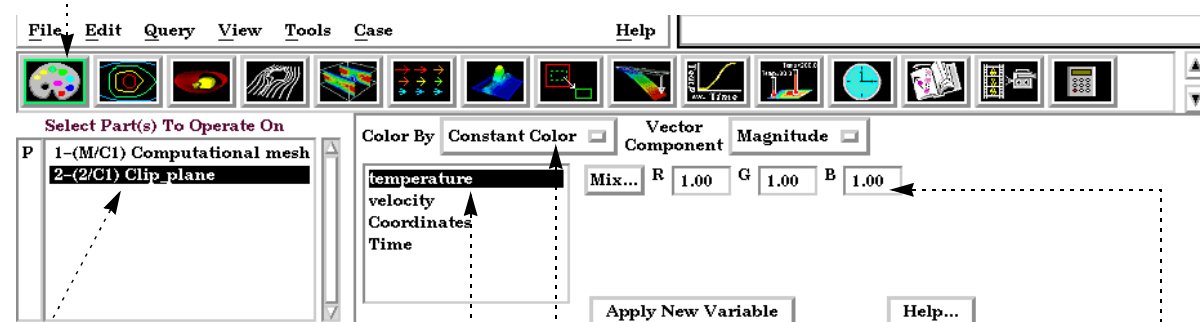
You can also set a “default” color – all parts subsequently created will automatically be colored by the default color (described in the Other Notes section below).

This article covers changing the color of a part. See [How To Edit Color Maps](#) for information on changing the mapping from variable values to color.

BASIC OPERATION

To change a part's color:

2. Click the Color icon.



1. Select the desired part(s) in the Main Parts List.

3. If coloring by a variable, select the variable in the Main Variables List.

4. If coloring by a variable, select Variable from the Color By pulldown. (You can also click Apply New Variable to do the same thing.)

– OR –

4. If coloring by a constant, either enter the desired RGB values in the appropriate fields (remember to press return) or click the Mix... button to open the [Color Selector](#) dialog (remember to click Apply in the dialog prior to closing to have your changes applied).

OTHER NOTES

You can set a default variable that will be used to color all subsequently created parts. To do this, be sure no parts are selected in the Main Parts list. (To de-select a part, hold down the control key as you click on the selected item.) Select the desired default variable in the Main Variables list. Click the Color icon to open the Color Quick Interaction area and click the Update Variable button. Any part created subsequently will automatically be colored by the default variable.

If you are coloring by a vector variable, you can choose whether to color by the magnitude (default) or one of the components. Click Magnitude in the Quick Interaction area to select the desired component.

SEE ALSO

[How To Edit Color Maps](#).

User Manual: [Color](#)